

LAPD PC4 Emergency Procedures

PC4 ODH Emergency Procedures

The PC4 area is classified as ODH 1.

Before entry familiarize yourself with the PC4 Exits and Assembly Areas Schematic.

Each PC4 entrant must carry a personal oxygen monitor, an escape pack, and exchange their Fermilab ID for a PC4 entrant card so that the Fire Department can account for all entrants.

There are two in-place oxygen monitors.

Before entry familiarize yourself with the following responses to ODH alarms (per FESHM 5064):

1. Response to an alarm from a personal oxygen monitor:

- 1.1. If one person is working alone in an area and his/her personal oxygen monitor alarms, the person must immediately don a self-rescue supplied atmosphere respirator (escape pack), evacuate the area, and dial 3131 to report an emergency.
- 1.2. If two or more people are working together in an area and a personal oxygen monitor alarms, they should compare readings. If other monitors read OK, then everyone must evacuate the area and solve the problem with the personal oxygen monitor before re-entering. If other monitors confirm low oxygen levels, then everyone must don an escape pack, evacuate the area, and then dial 3131 to report an emergency.

2. Response to an alarm from an in-place oxygen monitor:

- 2.1. If one person is working alone in an area and an in-place oxygen monitor alarms, and his/her personal oxygen monitor reads greater than 19.5%, the person should evacuate the area going away from the assumed source of the alarm. After exiting, he/she should notify the operations department responsible for the area of the problem – see the posted LAPD call list. He/she should not re-enter until the problem has been solved. If a personal oxygen monitor has alarmed as well, the procedure of 1.1 should be followed.
- 2.2. If two or more people are working together, they should compare readings of personal oxygen monitors. If all personal oxygen monitors read OK, everyone should evacuate the area going away from the assumed source of the alarm. After evacuating, they should notify the operations department responsible for the area of the problem. They should not re-enter the area until the problem has been solved. If a personal oxygen monitor confirms low oxygen levels, everyone should don an escape pack, evacuate the area, and then dial 3131 to report an

emergency.

3. Response to other indications of a possible cryogen or gas leak (vapor cloud, sound of gas leak, etc.):

- 3.1. If one person is working alone and his/her personal oxygen monitor reads greater than 19.5%, he/she should evacuate the area going away from the assumed source of the problem. After exiting, he/she should notify the operations department responsible for the area of the problem – see the posted LAPD call list. If a personal oxygen monitor has alarmed, he/she must immediately don a self-rescue supplied atmosphere respirator (escape pack), evacuate the area, and dial 3131 to report an emergency.
- 3.2. If two or more people are working together, they should compare personal oxygen monitor readings. If all are OK, they should all evacuate the area going away from the assumed source of the problem. After exiting, they should notify the operations department responsible for the area of the problem. If a personal oxygen monitor has alarmed, they must immediately don self-rescue supplied atmosphere respirators (escape packs), evacuate the area, and dial 3131 to report an emergency.

4. Entry into an area with unusual oxygen deficiency hazards:

- 4.1. Any rescue must be conducted by emergency (Fire Department) personnel. If an area is suspected to be oxygen deficient or to present unusual oxygen deficiency hazards, an unexposed observer and the use of SCBA equipment are required. Training and medical approval are required for the use of SCBA equipment.
- 4.2. If, for purposes other than rescue, entry must be made into an oxygen deficient area or an area suspected to present unusual oxygen deficiency hazards, the Division/Section Head responsible for the area must submit a written request to the Director or Director's designee which includes a justification and outlines hazards, procedures, and safety measures. The request must be approved by the Director or designee before entry.

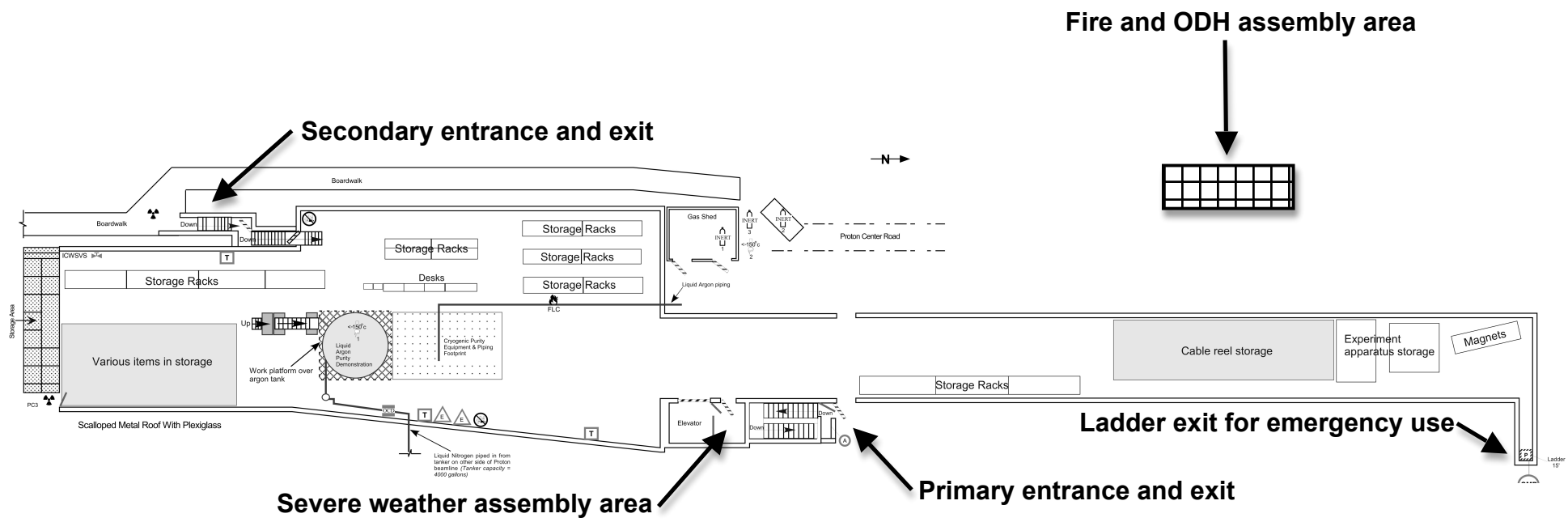
PC4 Power Outage Emergency Procedure

In the event of a power outage, personnel must evacuate the PC4 enclosure. Minor changes to the controls and valves by system experts can be made first, provided an ODH alarm has not sounded and there are no indications of a significant system failure.

Entry into the PC4 enclosure during a power outage is restricted to the Fermilab Fire Department.

PC4 Severe Weather Emergency Procedure

In the event that the site wide monitoring system instructs personnel to take shelter, all personnel in PC4 should proceed to the bottom of the east stairwell and close the door to isolate themselves from the PC4 enclosure.



PC4 Exits and Assembly Areas